Polynuclear Aromatic Hydrocarbons by HPLC-UV or HPLC-FL
EPA 8310 Rev. 0 (September 1986) **Page 1 of 2**

Facility Name:_____VELAP ID_____

Assessor Name:_____ Analyst Name:_____ Inspection Date_____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst:_____ Sample ID: _____ Date of Sample Preparation:_____ Date of Analysis:_____					
Is this method used only for quantitative testing? *(If only for screening, verify proper listing on scope.)*	1.2				
Are stock standards diluted with acetonitrile to prepare calibration standards?	5.4				
Are at least five calibration standards used?	5.5.1				
Are samples extracted using an appropriate procedure such as EPA 3510, 3520, 3540, or 3550?	7.1.1				
Prior to HPLC analysis, is the extraction solvent exchanged to acetonitrile using the K-D procedures listed in all of the extraction methods? *(see next section)*	7.1.2				
Exchange of extraction solvent:					
Following K-D of the methylene chloride extract to 1 mL, is the apparatus allowed to cool and drain for at least 10 minutes?	7.1.2.1				
Is the hot water bath temperature increased to 95-100°C?	7.1.2.2				
Is the Snyder column momentarily removed to add 4 mL of acetonitrile and a new boiling chip?	7.1.2.2				
Is the K-D apparatus placed on the water bath so that the concentrator tube is partially immersed in the hot water?	7.1.2.2				
Is the vertical position of the apparatus and the water temperature adjusted as needed to complete concentration in 15-20 minutes?	7.1.2.2				
Is the K-D apparatus removed when 0.5 mL of liquid is obtained, and the apparatus allowed to drain and cool for at least 10 minutes?	7.1.2.2				
Notes/Comments:					

Polynuclear Aromatic Hydrocarbons by HPLC-UV or HPLC-FL
EPA 8310 Rev. 0 (September 1986) **Page 2 of 2**

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Is the lower joint of the micro-Snyder column rinsed into the concentrator tube with about 0.2 mL of acetonitrile and the extract volume adjusted to 1 mL?	7.1.2.3				
Are sample extracts stored under refrigeration and analyzed within 40 days of extraction?	6.1				
HPLC Analysis:					
Is the same technique used to introduce calibration standards into the instrument as is used to introduce samples into the instrument?	EPA 8000B Section 7.4.2				
Are samples with concentrations that exceed the calibration range diluted to fall within the range?	7.4.4				
If the peak area measurement is prevented by the presence of interferences, is further sample cleanup performed?	7.4.5				
If further sample cleanup is performed, is the silica gel cartridge cleanup technique of method 3630 used?	7.5.1				

Notes/ Comments: